

Amendments to the Claims

1-265 (Canceled)

266. (New) A method of increasing starch recovery from maize seed, the method comprising:
a) steeping transgenic maize seeds comprising at least one cellulase to produce steeped seed;
b) grinding said steeped seed to produce a maize slurry; and
c) obtaining starch from maize seed.

267. (New) The method of claim 266, wherein the seed is steeped at about 0ppm to about 2000ppm Sulfur dioxide.

268. (New) The method of claim 266, wherein the seed is steeped at about 37°C to about 50°C.

269. (New) The method of claim 266, wherein the seed is steeped for at least 24 hours.

270. (New) The method of claim 266, wherein the cellulase is an endoglucanase.

271. (New) The method of claim 270, wherein the endoglucanase is a thermostable endoglucanase.

272. (New) The method of claim 266, wherein the cellulase is a cellobiohydrolase.

273. (New) The method of claim 266, wherein said maize slurry further comprises a protease.

274. (New) The method of claim 273, wherein the protease is Bromelain.

275. (New) The method of claim 273, wherein the protease is incorporated into the maize genome and expressed by the plant.

276. (New) The method of claim 266, wherein the cellulase is targeted to any one of the groups consisting of endoplasmic reticulum, vacuole, chloroplast, starch granule, or cell wall of the plant.

277. (New) The method of claim 266, wherein the maize slurry comprises an endoglucanase and a cellobiohydrolase.

278. (New) The method of claim 266, wherein the maize slurry comprises an endoglucanase, cellobiohydrolase and a protease.

279. (New) The method of claim 278, wherein the cellobiohydrolase is added exogenously.

280. (New) The method of claim 278, wherein the protease is added exogenously.

281. (New) A method for reducing Sulfur dioxide in a wet milling process, the method comprising:

- a) steeping transgenic maize seeds comprising at least one cellulase to produce steeped seed;
- b) grinding said steeped seed to produce a maize slurry; and
- c) reducing Sulfur dioxide in said wet milling process.